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North Korean thermonuclear charge

Here are some interesting photos from the North Korean news agency: *DPRK leader Kim Jong-un examines a model of a thermonuclear charge developed by the DPRK Nuclear Weapons Institute, September 2017* © KCNA

Private Joker pfc_joker<https://pfc-joker.livejournal.com/>[https://pfc-joker.livejournal.com/2017 - 09 - 03](https://pfc-joker.livejournal.com/2017-09-03) 12:42:00



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In these pictures we see an object that looks like a two-stage thermonuclear charge with the primary unit initiated by a pulsed neutron source (a black cylinder mounted on the primary unit body) and its automatic barrel.

The poster on the wall shows the layout of the charge in the warhead of a ballistic missile:



© *twitter.com/ISNJH*

The DPRK claims that this is the charge they tested this morning. The TE value is not mentioned in the official DPRK statement, but seismologists estimate that the energy release was at least about 100 kt (there are also estimates several times higher).

In principle, of course, it cannot be ruled out that this is a bluff and that a powerful uranium fission charge was actually tested, and not a two-stage charge. But I will not be surprised at all if it turns out that the KNDRO people are not lying.

TAGS: nuclear weapons



22

Increase in plutonium density due to implosion in RDS-1 and Mk.III Fat Man

Attentive readers of the "USSR Atomic Project" will probably remember that in one of the published documents the censor, for some

On the issue of the operational tension level of US nuclear forces

I don't know how new or widely known this information is, I'm writing this more for myself so I don't have to google the links again later. A little

U-2 and Soviet Nuclear Tests

60 years ago, on the 21st and 22nd (or 20th and 21st – the differences are obviously related to the time zone in which the date is given) of August

22 comments



 [dimintc](#)

September 3 2017, 11:51:50 UTC

Do you think Trump will decide on a preemptive strike on North Korean nuclear facilities?



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 [dimintc](#)

7 years ago **EXPAND**



 [pfc_joker](#)

September 3 2017, 18:15:26 UTC

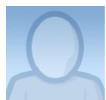
It's hard to say... For a disarming strike to be successful, it IMHO should be sudden, massive and, preferably, nuclear. It's still hard to imagine that the US would do that.

Deleted comment



 [pfc_joker](#)

September 3 2017, 17:29:48 UTC




 ivagkin

September 3 2017, 17:34:12 UTC

Kim is losing touch with reality. He is really playing with fire.



 taira_koremochi

September 3 2017, 18:04:35 UTC

It changes reality.

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 ivagkin

September 3 2017, 18:10:03 UTC

That's true...And after that, one of the guarantors started a war against her.

**pn64**September 3 2017, 18:42:24 UTC

> There is one country not far from here, which others recently gave guarantees of security and immunity in exchange for the withdrawal of nuclear weapons.

Nothing. - We need our own competence.

Ukraine could hardly maintain the arsenal in working order. One word is enough - "tritium".

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pn64 7 years ago [EXPAND](#)

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**eugene_gu**November 1 2017, 01:50:49 UTC

Well, what can you do if this country, like North Korea, considered itself a d'Artagnan and quarreled where it was not necessary? Belgium or the Dominican Republic, for example, also do not have nuclear weapons, and this does not bother them at all.

**Panzerhaubitze1**December 7 2017, 01:22:16 UTC

These weapons did not belong to that country in any way, in general: the only successor to the USSR is Russia.

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 [Panzerhaubitze1](#) 7 years ago [EXPAND](#)

 [pfc_joker](#) 7 years ago [EXPAND](#)

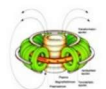
 [pfc_joker](#) 7 years ago [EXPAND](#)




 [vakhnenko](#)

December 1 2017, 04:47:20 UTC

This is the visualization



 [tnenergy](#)

December 24 2017, 17:41:20 UTC

Sorry, it's not very clear, but will there be more publications from you?



 [pfc_joker](#)

December 24 2017, 22:03:01 UTC

Yes, there is such a hope.. Thanks for your interest :)

P.S. Actually, I'm fine, I just have a bit of a hard time with free time. I'll definitely try to write something during the holidays.

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